

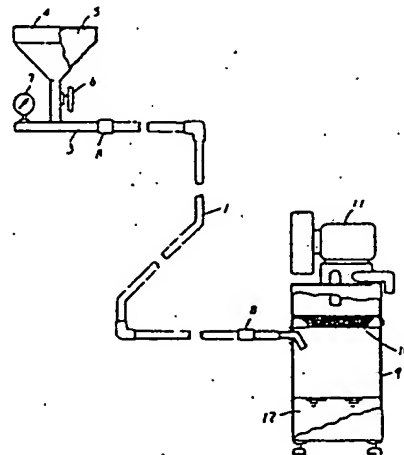
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(54) APPARATUS FOR GRINDING PIPE

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**PURPOSE:** To make possible to derust quickly at a low cost the internal surface of a work, that is, a pipe, by flowing quartz sand in the pipe in such a way that the quartz sand is flowed under the influence of suction so as to derust the internal surface of the pipe, and is then allowed to flow into a recovering tank.

**CONSTITUTION:** One end of the pipe 1 whose rust should be derusted is attached to a coupler 8 connected to an attaching pipe 3 to which a pressure gauge 7 and a quartz sand container 4 equipped with a quartz sand flow on-off valve 6 are secured, and the other end is connected to the recovering tank 9 via a coupler 8. Then the quartz sand 5 is loaded in the container 4, and when a switch of a electric suction apparatus 11 is turned ON, suction is exerted in the pipe 1, and the sand 5 is flowed into the pipe with the valve 5 open. Thus the quartz sand 5 is being flowed through the pipe 1 under the influence of the suction to remove the rust 2 on the inner surface thereof, and is finally introduced into the tank 9. According to this arrangement, the derusting of the inner surface of a pipe can quickly be carried out at a low cost.



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